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1 [A case study in building layered DHT applications](#)

Yatin Chawathe, Sriram Ramabhadran, Sylvia Ratnasamy, Anthony LaMarca, Scott Shenker, Joseph Hellerstein

August 2005 SIGCOMM '05: Proceedings of the 2005 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

Full text available: pdf(564.28 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 30, Downloads (12 Months): 168, Citation Count: 3

Recent research has shown that one can use Distributed Hash Tables (DHTs) to build scalable, robust and efficient applications. One question that is often left unanswered is that of simplicity implementation and deployment. In this paper, we explore ...

Keywords: DHTs, layering, range queries

2 [Design and implementation of a distributed content management system](#)

C. D. Cranor, R. Ethington, A. Sehgal, D. Shur, C. Sreenan, J. E. van der Merwe

June 2003 NOSSDAV '03: Proceedings of the 13th international workshop on Network and operating systems support for digital audio and video

Publisher: ACM

Full text available: pdf(98.80 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 269, Citation Count: 0

The convergence of advances in storage, encoding, and networking technologies has brought us an environment where huge amounts of continuous media content is routinely stored and exchanged between network enabled devices. Keeping track of (or managing) ...

Keywords: continuous media storage, distributed content management

3 [Extremal search of decision policies for scalable distributed applications](#)

Gang Chen, Chor Ping Low, Zhonghua Yang

June 2007 InfoScale '07: Proceedings of the 2nd international conference on Scalable information systems

Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering)

Full text available: pdf(240.75 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 6, Citation Count: 0

The ongoing trend of constructing open, scalable distributed systems such as peer-to-peer (P2P) systems demands for effective tools to manage the interactions between constituent entities (or nodes). One such tool is through imposing decision policies ...

4 On-demand content delivery in vehicular wireless networks



Marco Fiore, Claudio Casetti, Carla-Fabiana Chiasserini

October 2005 MSWiM '05: Proceedings of the 8th ACM international symposium on Modeling, analysis and simulation of wireless and mobile systems

Publisher: ACM

Full text available: pdf(474.14 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 115, Citation Count: 1

We propose an information-sharing application for wireless intervehicular networks (IVNs), called Infoshare. The Infoshare application leverages the broadcast nature of the wireless medium to achieve maximum spreading of information queries among vehicles. ...

Keywords: content delivery, inter-vehicular networks, mobile networks

5 Inferring generic activities and events from image content and bags of geo-tags



Dhiraj Joshi, Jiebo Luo

July 2008 CI VR '08: Proceedings of the 2008 international conference on Content-based image and video retrieval

Publisher: ACM

Full text available: pdf(1.66 MB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

The use of contextual information in building concept detectors for digital media has caught the attention of the multimedia community in the recent years. Generally speaking, any information extracted from image headers or tags, or from large collections ...

Keywords: concept detection, geo-tag, image retrieval, late fusion, reverse geocoding

6 Developing Imaging Applications with XIE

Syd Logan

September 1998 Linux Journal, Volume 1998 Issue 53es

Publisher: Specialized Systems Consultants, Inc.

Full text available: html(37.20 KB) Additional Information: full citation, abstract, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 3, Citation Count: 0

Mr. Logan describes the X Image Extension and show us how to use it--for the experienced C programmer

7 Application-level power management in pervasive computing systems: a case study



Luca Negri, Domenico Barretta, William Fornaciari

April 2004 CF '04: Proceedings of the 1st conference on Computing frontiers

Publisher: ACM

Full text available: pdf(214.82 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 65, Citation Count: 0

In this paper we propose an application-level power consumption modeling and optimization technique for mobile devices. The application being considered is modeled as a FSM and the power consumption figures are associated with it through current measurements ...

Keywords: pervasive computing, power management, virtual campus

8 [Interacting with hidden content using content-aware free-space transparency](#)

Edward W. Ishak, Steven K. Feiner

October 2004 UIST '04: Proceedings of the 17th annual ACM symposium on User interface software and technology

Publisher: ACM

Full text available: [pdf\(526.23 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 68, Citation Count: 5

We present a content-aware free-space transparency, an approach to viewing and manipulating the otherwise hidden content of obscured windows through unimportant regions of overlapping windows. Traditional approaches to interacting with otherwise ...

Keywords: content disambiguation, interaction techniques, pie menu, screen space, space management, transparency

9 [Writing a Java Class to Manage RPM Package Content](#)

Jean-Yves Mengant

August 2000 Linux Journal, Volume 2000 Issue 76es

Publisher: Specialized Systems Consultants, Inc.

Full text available: [html\(14.65 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 17, Citation Count: 0

A look inside RPM packages and how to use Java to extract information.

10 [Controlling data movement in global computing applications](#)

Daniele Gorla, Rosario Pugliese

March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing

Publisher: ACM

Full text available: [pdf\(178.93 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 12, Citation Count: 2

We present a programming notation aiming at protecting the secrecy of both host and agent data in global computing applications. The approach exploits annotations with sets of node addresses called regions. A datum can be annotated with a region that ...

11 [Expressing Location Information for Applications in the Internet](#)

Mari Korkea-aho, Haitao Tang, Reijo Sulonen

January 2002 Personal and Ubiquitous Computing, Volume 6 Issue 5-6

Publisher: Springer-Verlag

Full text available: [pdf\(75.71 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 23, Citation Count: 0

As part of the Spatial Location Protocol activity in the Internet Engineering Task Force (IETF), w

have been working on how to express location information in an interoperable way in the Internet. The objective of this paper is to share our ideas on ...

Keywords: Internet, Interoperability, Location information, Reuse

12 Cross-language information retrieval using PARAFAC2

Peter A. Chew, Brett W. Bader, Tamara G. Kolda, Ahmed Abdelali

August 2007 KDD '07: Proceedings of the 13th ACM SIGKDD international conference on Knowledge discovery and data mining

Publisher: ACM

Full text available:  pdf (1.24 MB)  mov (17:52 Min) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 23, Downloads (12 Months): 211, Citation Count: 0

A standard approach to cross-language information retrieval (CLIR) uses Latent Semantic Analysis (LSA) in conjunction with a multilingual parallel aligned corpus. This approach has been shown to be successful in identifying similar documents across languages ...

Keywords: PARAFAC2, clustering, information retrieval, latent semantic analysis (LSA), multilingual

13 Meeting the Embedded Design Needs of Automotive Applications

Wayne Lyons

March 2005 DATE '05: Proceedings of the conference on Design, Automation and Test in Europe - Volume 3, Volume 3

Publisher: IEEE Computer Society

Full text available:  pdf (205.16 KB) Additional Information: full citation, abstract, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 42, Citation Count: 1


The importance of embedded systems in driving innovation in automotive applications continues to grow. Understanding the specific needs of developers targeting this market is also helping to drive innovation in RISC core design. This paper describes ...

14 Multicast protocols for scalable on-demand download

Niklas Carlsson, Derek L. Eager, Mary K. Vernon

June 2004 ACM SIGMETRICS Performance Evaluation Review, Volume 32 Issue 1

Publisher: ACM

Full text available:  pdf (361.99 KB) Additional Information: full citation, references, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 20, Citation Count: 0


Keywords: batching, cyclic multicast, scalable download protocols

15 An XML assignment for a programming languages course

Terry A. Scott

October 2002 Journal of Computing Sciences in Colleges, Volume 18 Issue 1

Publisher: Consortium for Computing Sciences in Colleges

Full text available:  pdf (34.31 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 58, Citation Count: 0

This paper describes an XML lab that was assigned in a programming languages course. It explains

why XML has become important. It briefly describes some related technologies. It gives information on what was needed by the students to complete the lab. ...

16 Localization of web content

Daniel Brandon, Jr.

December 2001 Journal of Computing Sciences in Colleges. Volume 17 Issue 2

Publisher: Consortium for Computing Sciences in Colleges

Full text available:  pdf(266.55 KB) Additional Information: full citation, references, index terms

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 85, Citation Count: 0

17 Context-aware interactive content adaptation



Iqbal Mohamed, Jim Chengming Cai, Sina Chavoshi, Eyal de Lara

June 2006 MobiSys '06: Proceedings of the 4th international conference on Mobile systems, applications and services

Publisher: ACM

Full text available:  pdf(293.89 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 24, Downloads (12 Months): 227, Citation Count: 1

Automatic adaptation of content for mobile devices is a challenging problem because optimal adaptation often depends on the usage semantics of content, as well as the context of users (e.g. screen size of device being used, network connectivity, location, ...)

Keywords: content adaptation, context, customization, mobile devices

18 Thai small and medium enterprises engagement in the emerging digital content and game industry



Vasin Chooprayoon, Chun Che Fung

September 2007 DIMEA '07: Proceedings of the 2nd international conference on Digital interactive media in entertainment and arts

Publisher: ACM

Full text available:  pdf(333.87 KB) Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 36, Downloads (12 Months): 226, Citation Count: 0


The digital content and game industry in Thailand is growing and maturing rapidly. The Thai government is playing an important role contributing to the development of the industry in both business and social sectors. With respect to the business sector, ...

19 Accelerating corporate research in the development, application and deployment of human language technologies

David Ferrucci, Adam Lally

May 2003 SEALTS '03: Proceedings of the HLT-NAACL 2003 workshop on Software engineering and architecture of language technology systems - Volume 8. Volume 8

Publisher: Association for Computational Linguistics

Full text available:  pdf(234.84 KB) Additional Information: full citation, abstract, references, cited by

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Citation Count: 4

IBM Research has over 200 people working on Unstructured Information Management (UIM)

technologies with a strong focus on HLT. Spread out over the globe they are engaged in activities ranging from natural language dialog to machine translation to bioinformatics ...

20 Dark application communities



Michael E. Locasto, Angelos Stavrou, Angelos D. Keromytis

September 2006 NSPW '06: Proceedings of the 2006 workshop on New security paradigms

Publisher: ACM

Full text available: pdf (162.25 KB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 189, Citation Count: 0

In considering new security paradigms, it is often worthwhile to anticipate the direction and nature of future attack paradigms. We identify a class of attacks based on the idea of a "Dark" Application Community (DAC) - a collection of bots and zombie ...

Keywords: application communities, automorphic, dark application communities, network security

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